



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.
Substitute for form PTO 49A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1

of

1

Complete if Known

Application Number	10/613,208
Filing Date	July 3, 2003
First Named Inventor	Charles P. Barber
Art Unit	2876
Examiner Name	Karl D. Frech
Attorney Docket Number	283-263 Con

U.S. PATENT DOCUMENTS

U.S. PATENT DOCUMENTS					
Examiner	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
KDF	AA	US-4,900,907	02-13-1990	Matusima et al.	
	AB	US-5,280,161	01-18-1994	Niwa	
	AC	US-5,378,883	01-03-1995	Batterman et al.	
	AD	US-5,449,892	09-12-1995	Yamada	
	AE	US-5,550,364	08-27-1996	Rudeen	
	AF	US-5,684,104	11-04-1997	Funk et al.	
	AG	US-5,684,290	11-04-1997	Arackellian et al.	
	AH	US-5,697,699	12-16-1997	Seo et al.	
	AI	US-5,745,176	04-28-1998	Lebens	
	AJ	US-5,783,811	07-21-1998	Feng et al.	
	AK	US-5,804,809	09-08-1998	Eastman et al.	
	AL	US-5,821,518	10-13-1998	Sussmeier et al.	
	AM	US-5,841,121	11-24-1998	Koenck	
	AN	US-5,962,836	10-05-1999	Tani et al.	
	AO	US-5,992,746	11-30-1999	Suzuik	
	AP	US-6,052,236	04-18-2000	Nakasuji et al.	
	AQ	US-6,141,046	10-31-2000	Roth et al.	
	AR	US-6,223,988 B1	05-01-2001	Batterman et al.	
	AS	US-6,347,163 B2	02-12-2002	Roustaei	
	AT	US-6,398,112 B1	08-04-2002	Yajun Li et al.	
	AU	US-6,629,641 B2	10-07-2003	Tsikos et al.	
	AV	US-6,661,521 B1	12-09-2003	Stern	
	AW	US-6,681,994 B1	01-27-2004	Koenck	
	AX	US-6,688,523 B1	02-10-2004	Koenck	
	AY	US-6,732,929 B2	05-11-2004	Good et al.	
	AZ	US-6,786,414 B2	09-07-2004	Tsikos et al.	
BA	US-6,808,114 B1	10-26-2004	Palestini et al.		
BB	US-6,817,525 B2	11-16-2004	Piva et al.		
BC	US-6,830,184 B2	12-14-2004	Tsikos et al.		
BD	US-6,837,437 B2	01-04-2005	Tsikos et al.		
KDF	BE	US-6,843,417 B1	01-18-2005	Philyaw et al.	
		US-			
		US-			

Examiner
Signature

Date
Considered

1/8/06

¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Applicant's unique citation designation number (optional). ³ Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231